

$$V_{1x} = 3 \cos(30^\circ) = 2,6 \quad V_{2x} = 2 \cos(250^\circ) = -0,68$$

$$V_{1y} = 3 \sin(30^\circ) = 1,5$$

$$\vec{s} = (V_{1x} + V_{2x}; V_{1y} + V_{2y}) = (1,9; -0,4)$$

$$V_{2y} = 2 \sin(250^\circ) = -1,9$$

$$= (1,9; -0,4)$$

$$s = \sqrt{1,9^2 + (-0,4)^2} = \sqrt{3,61 + 0,16}$$

$$= \sqrt{3,77} = 1,9$$

$$\vec{d} = (V_{1x} - V_{2x}; V_{1y} - V_{2y}) = (3,3; 3,4)$$

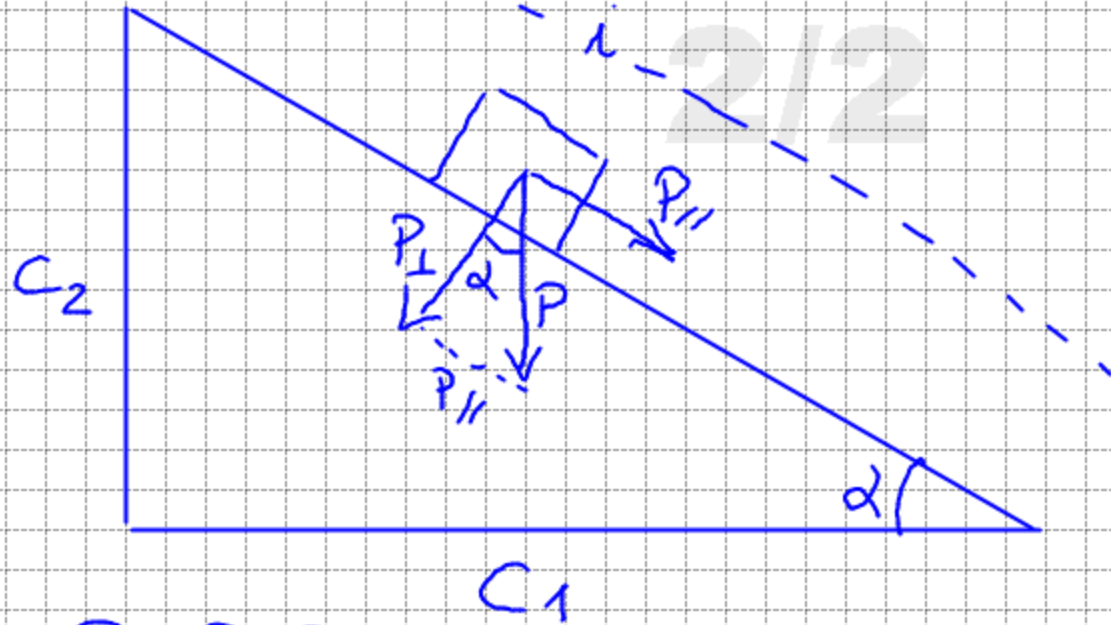
$$c_1 = 3$$

$$c_2 = 4$$

$$c_3 = 5$$

$$m = 2 \text{ DP kg}$$

$$P_{\parallel}, P, P_{\perp}$$



$$c_1 \sim P_{\perp} \quad c_2 \sim P_{\parallel} \quad i \sim P$$

$$c_1 : i = P_{\perp} : P \quad P_{\perp} = \frac{c_1 \cdot P}{i}$$